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July 27, 2006

Atty Docket No. :	JCLA7632
Appl. No. :	10/013,981
Filing Date :	December, 10, 2001
Pages :	Cover + 3

BY FACSIMILE ONLY

Fax No. :	571-273-8300
Attention :	EXAMINER : LI, SHI K.
Group Unit :	2633
From :	Jiawei Huang, Reg. No. 43,330
MESSAGE :	Enclosed herewith is a Reply Brief in 4 pages.

Sir:

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on July 27, 2006 at the above indicated fax number.

Sign by: 
Michelle Chang

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Docket No. JCLA7632
US App. No. 10/013,981

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : CHIA-HUI HAN et al.

Application No. : 10/013,981

Filed : December, 10, 2001

For : METHOD OF IDENTIFYING INFRARED
TRANSMISSION HEAD FUNCTION

Examiner : LI, SHI K.

Attorney Docket No. : JCLA7632

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REPLY BRIEF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Examiner's Answer dated June 2, 2006, please enter the following remarks.

1. In re "Grounds of Rejection," as stated in section (9) in the EXAMINER'S ANSWER, as contents of the "Grounds of Rejection" are the same as those of "FINAL OFFICE ACTION," Appellant intends not to respond here again because the required response had been made in the APPEAL BRIEF.

2. In re 'Response to Argument,' stated in section (10) in the EXAMINER'S ANSWER, Appellant provides the following comments.

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(I). The Examiner insisted that the cited prior art references provide motivation (or desirability) for combination. Moreover, the Examiner indicated that "obviousness is based on whether the skilled artisan, when confronted with the same problems as the inventor, would select the elements from the cited prior art references for combination in the manner claimed." However, the claimed element of "infrared transmission head," is not disclosed at all in these four cited prior art references. The Examiner may allege that IR LED 18 as disclosed in Verzulli, light portion 1 as disclosed in Kamon and transmitter 18 as disclosed in Chiloyan can be regarded to be the equivalent of the "infrared transmission head" of the present invention. But, actually, the aforementioned infrared portions of the cited prior art references are not the same separate "infrared transmission head" as claimed in the claims 1 and 6, instead IR LED 18 is integrated into a remote control as a part of the remote control. While the method of the present invention uses an infrared controller to identify the brand name and functions of a separate infrared transmission head. To perform the identification function, the infrared controller of the present invention stores a plurality of brand names and corresponding information, and sends out transmission test data to the infrared transmission head and receives test data regarding the infrared transmission head concurrently. The remote control of Verzulli does not have and does not need such functions because the IR LED 18 is already installed in the remote control and there is no need to further identify its brand name and function. That is, none of the four cited prior art references provide desirability to modify Verzulli to arrive at the present invention. The suggestion to combine the cited references is from the Examiner.

(II). Additionally, in lines 11-21, page 7, the Examiner alleged that Verzulli and Kamon could be combined to arrive at the claims 1 and 6, and that the difference between Verzulli and the present invention is that Verzulli only stores one manufacture code, rather than storing a plurality of manufacture codes in the present invention. Appellant respectfully disagrees.

Verzulli teaches a remote control capable of self-testing whether the remote control functions normally, rather than a method for identifying infrared transmission head functions as claimed in the present invention, which allows a separate infrared transmission head to be correctly identified and coupled to the infrared controller. Kamon teaches a remote control

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capable of storing a plurality of manufacture codes. However, there is no purpose or benefit to combine the plurality of manufacture codes into Verzulli's remote controller because the remote controller of Verzulli is not used to identify functions of a separate infrared transmission head, instead the IR LED 18 is incorporated into the remote controller. Further, as explained in the preceding section, even Verzulli could be combined with Kamon, this proposal combination still fails to teach the infrared transmission head to be identified as recited in claims 1 and 6.

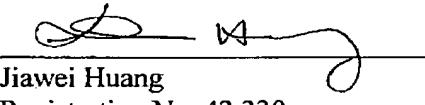
Likewise, even Verzulli could be combined with Chiloyan, this proposal combination still fails to teach the infrared transmission head as recited in claims 1 and 6. Therefore, the independent claims 1 and 6 are not rendered obvious by the cited prior art references under U.S.C.35 103(a).

(III). As to dependent claims 2-5 and 7-14, they should be patentable as a matter of law for the reasons that they contain all limitations of their corresponding base claims 1 and 6.

For reasons discussed above and in the Appeal Brief, all pending claims 1-14 should be allowed.

Respectively submitted
J.C. PATENTS

Date: 7/27/2006


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